Abstract:

A system for Internet appliance data entry and navigation includes a reduced keyset remote control unit transmitting a user input keystroke sequence. An Internet appliance receives and parses the keystroke sequence, placing the parsed data into an input buffer. A browser of the Internet appliance accesses user interface display screens from remote storage via a communications network. The buffer contents define a window within an accessed display screen. The Internet appliance converts the composite display screen for output to a standard television receiver. A user makes option choices and navigates the user interface display screens by activating hyperlinks within the accessed display screens. A standard telephone keypad arrangement is used to create the reduced keyset keystroke sequence, permitting use of a standard or wireless telephone and a hand-held remote control unit for system input and control. An alternative embodiment permits voice input of text, numbers, special symbols, and shortcuts in many languages.

19